

Montgomery County Fall 2017 Training National Green Infrastructure Certification Program



Green Infrastructure is the term used to refer to management of stormwater using a range of practices such as bioretention, green roofs, permeable pavements, stormwater wetlands and water harvesting. The National Green Infrastructure Certification Program (NGICP) is targeted to individuals who install, inspect, and maintain green infrastructure stormwater systems in the United States.

The goal of the program is to train workers who will work on the construction, inspection, and maintenance of Green Infrastructure (GI) stormwater systems and to provide a new credential certifying this training. The NGICP supports regional efforts to create sustainable employment within communities and support career opportunities with livable wages through GI investments.

WHERE: Montgomery College, Germantown
Taught by Montgomery County DEP Staff

TRAINING DATES:

• Week 1: 12 hrs

Sept 18, 19, 20 4-8 pm

• Week 2: 20 hrs

Sept 25, 26 8 am-5 pm

Sept 27 4-8 pm

Sept 29 4-8 pm optional makeup session

• Week 3: 8 hrs

Oct 2 4-8 pm review session/
test registration

Oct 3 4-8 pm makeup session/
test registration

• Test review / practice testing: 16 hrs (optional)

Nov 6, 7, 8, 9 drop in from 4-8 pm

Sign Up: bit.ly/NGICPTrainingProgram



GI certification eligibility requirements:

1. Complete a GI training course that meets the requirements approved by the Water Environment Federation (WEF)
2. Hold a high school diploma or the equivalent
3. Take and pass the GI examination
4. Attest to the NGICP Code of Conduct

TEST: Nov 14, 2017

must register before Oct 13, 2017

NGICP Exam Eligibility Criteria

1. High school diploma or GED (or equivalent)
2. A minimum of 35 contact hours of training in GI construction, inspection, and maintenance of various GI practices (bioretention, blue/green roofs, permeable pavements, rainwater harvesting, dry wells, and stormwater wetlands)



QUESTIONS? Call 311 • email askDEP@montgomerycountymd.gov

2017 NGICP Training in Montgomery County

Exam and Curriculum Scope

The GI examination contains 100, multiple-choice items and is given in English. Candidates have two and a half hours to complete the exam. Additional time may be given for applicants taking an exam with more questions on the form for pre-testing purposes. The examination is given via paper and pencil scheduled at specified dates and times as sponsored through the NGICP Partner organizations. Exam test site locations and exam dates and times are available on the NGICP web site (www.ngicp.org).

EXAM DESCRIPTION:

WATERSHED FUNDAMENTALS	6 – 10%
GREEN INFRASTRUCTURE (GI) PRACTICES	19 – 23%
GI METHODS AND MATERIALS	50 – 54%
GI FUNCTIONALITY AND APPEARANCE	17 – 21%

The curriculum covers the GI certification examination areas, as listed in the exam blueprint on the website (www.ngicp.org).

- The curriculum covers the practices emphasized by the certification program including bioretentions, green roofs/blue roofs, rainwater harvesting (rain barrels and cisterns), dry wells, stormwater wetlands, and permeable/porous pavements.
- The instructors have at least two out of three of the following qualifications:
 - At least three years of direct experience in stormwater green infrastructure construction, inspection, and maintenance
 - Experience as an instructor for hands-on adult learning courses; and / or
 - Minimum of a Bachelor's of Science (BS) degree related to water resource management or environmental sciences.
- The course has a minimum of 35 total contact hours, which include at least seven hours of field or interactive educational activities.
- Course delivery is in person, encompassing a mix of traditional classroom teaching, hands-on activities, and site visits.

The benefits of becoming certified by the NGICP include:

- Expansion of your skills and knowledge of constructing, inspecting, and maintaining GI systems
- Greater awareness of GI career opportunities
- Proof of your commitment to supporting sustainable performance of GI practices
- Exposure to employers looking to hire skilled GI workers through the NGICP Certification Database